

FIG. 1

FIG. 2

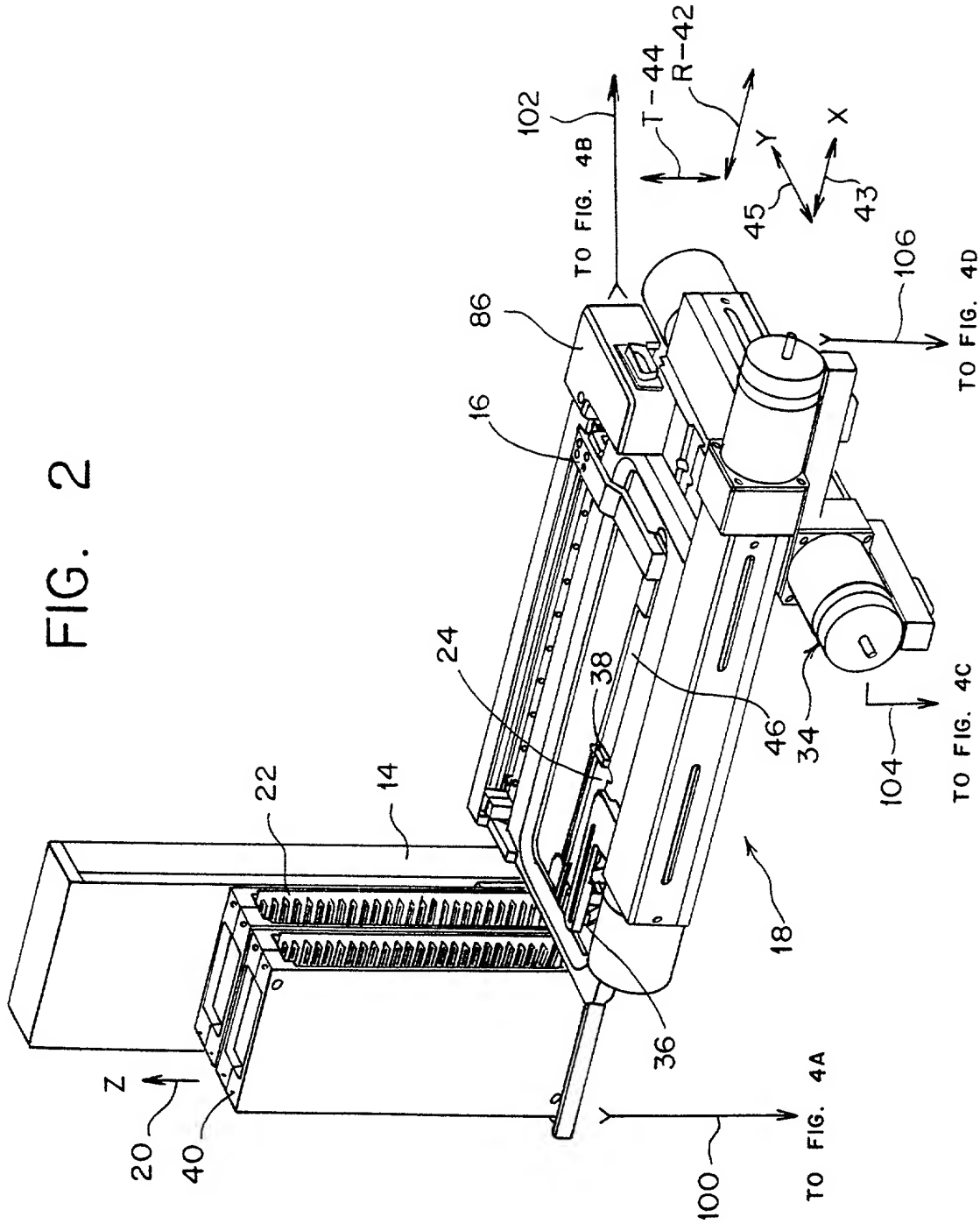
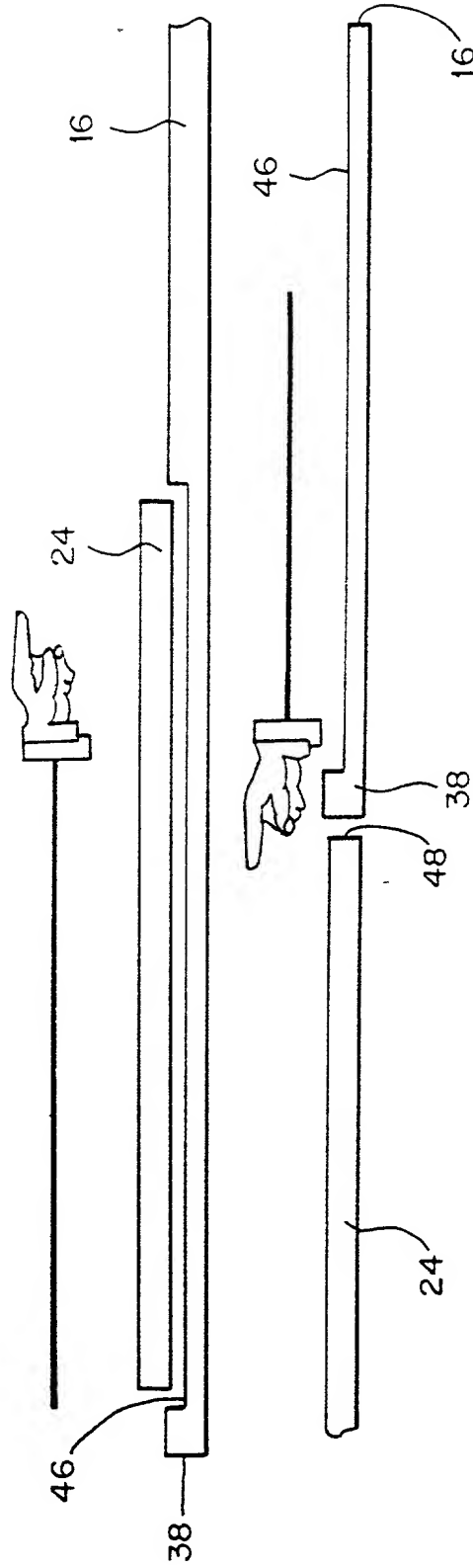
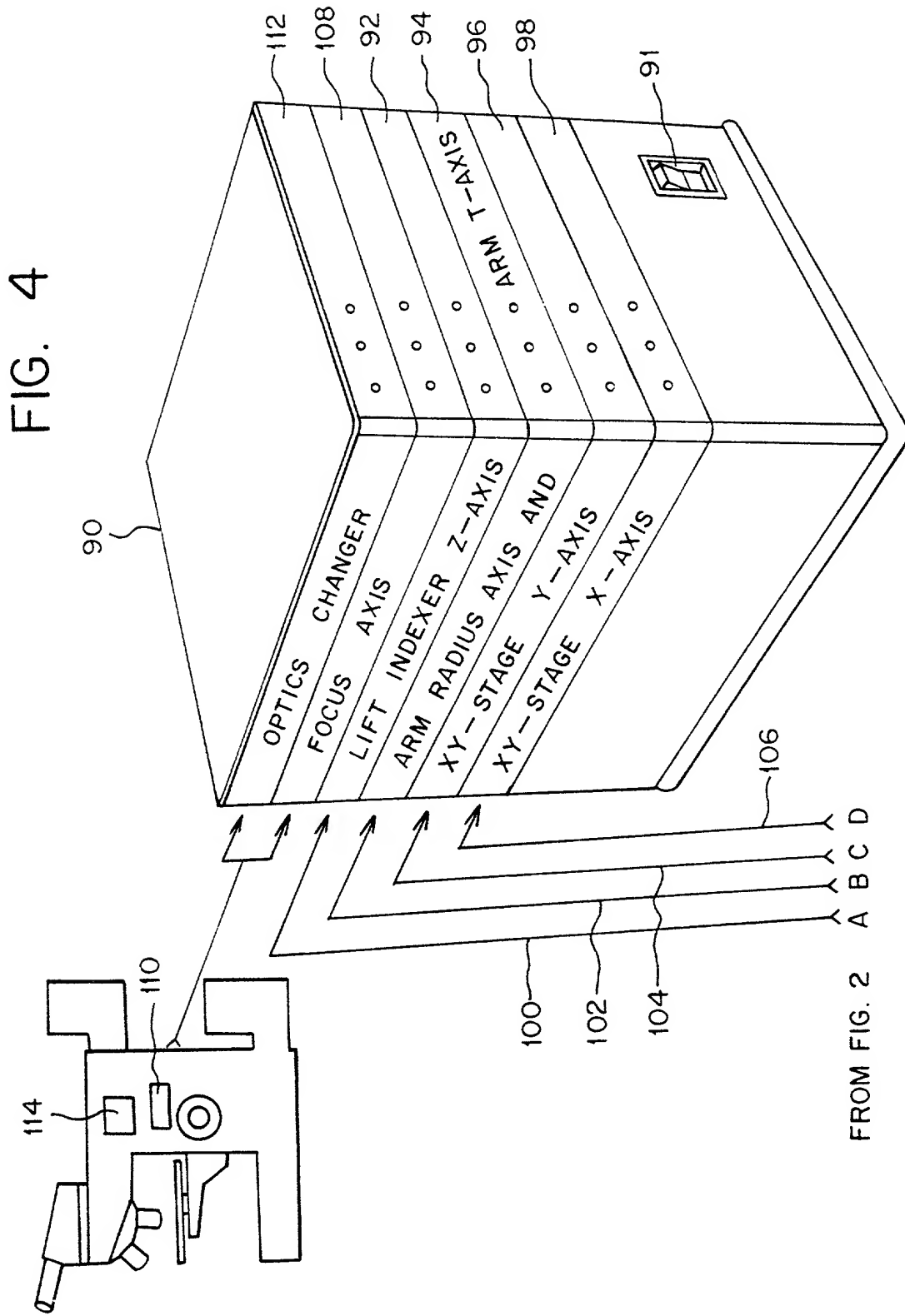


FIG. 3





FROM FIG. 2 A B C D

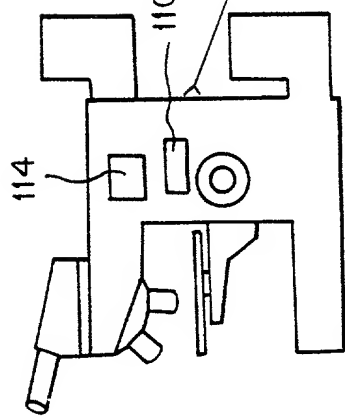


FIG. 5

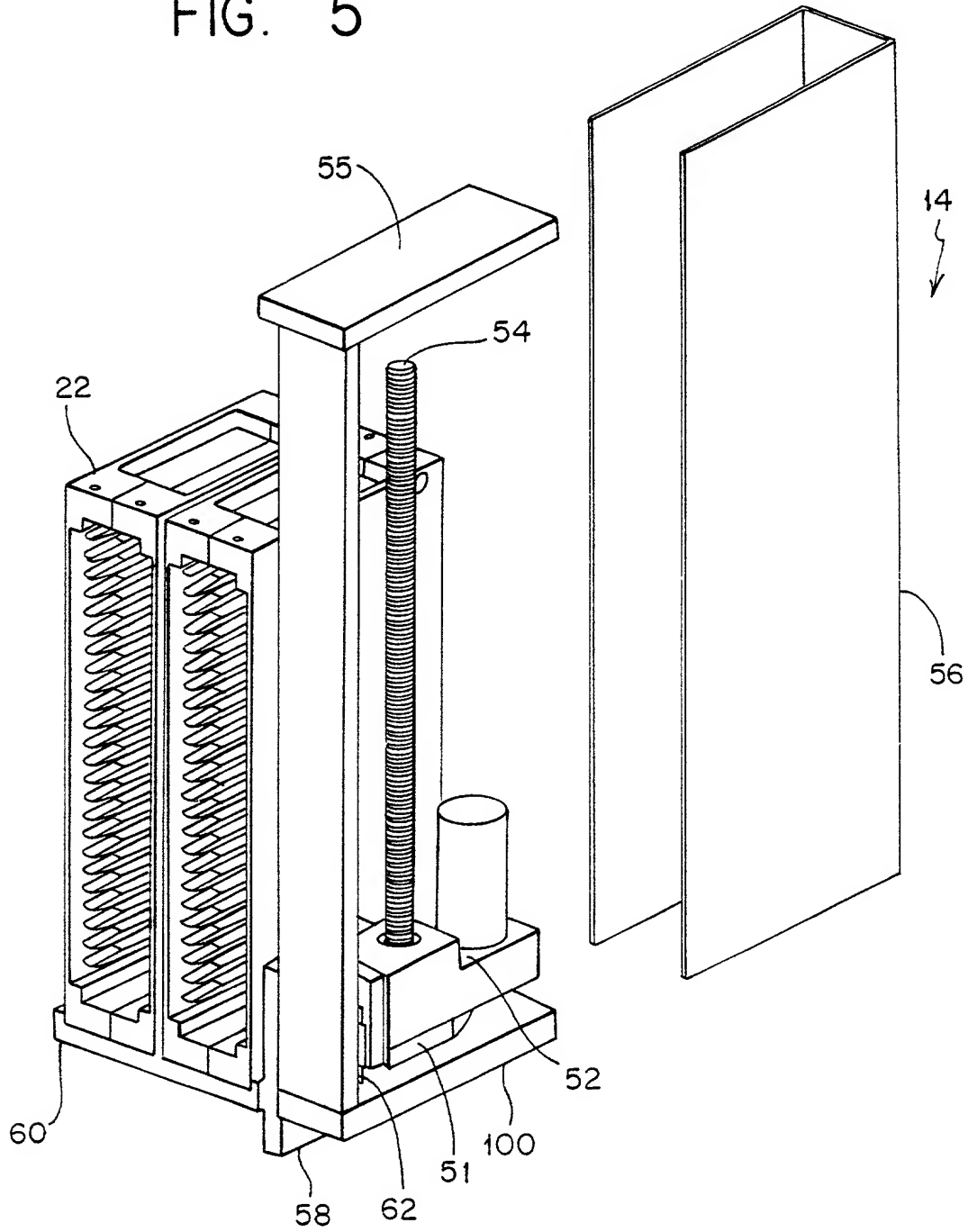
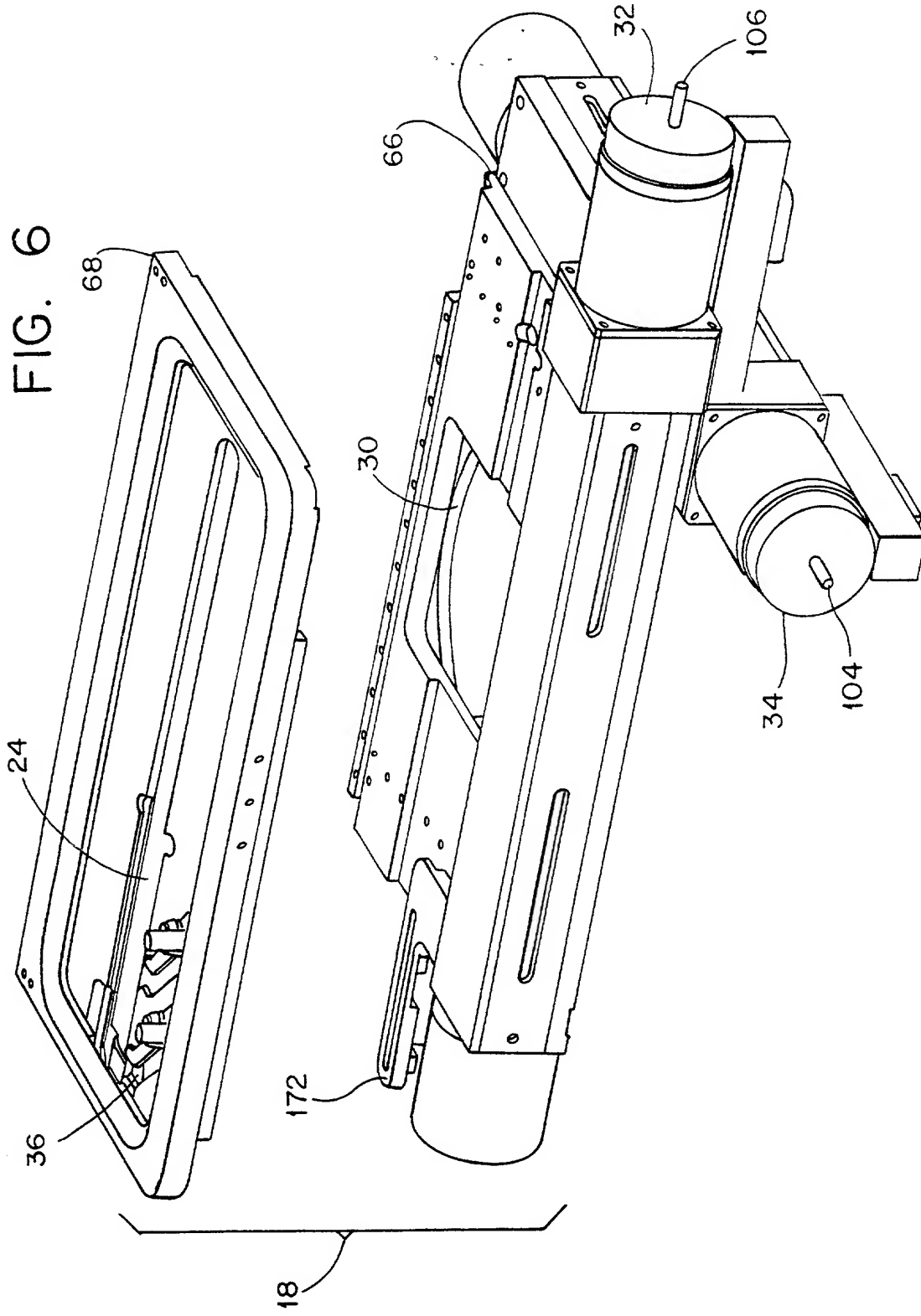


FIG. 6



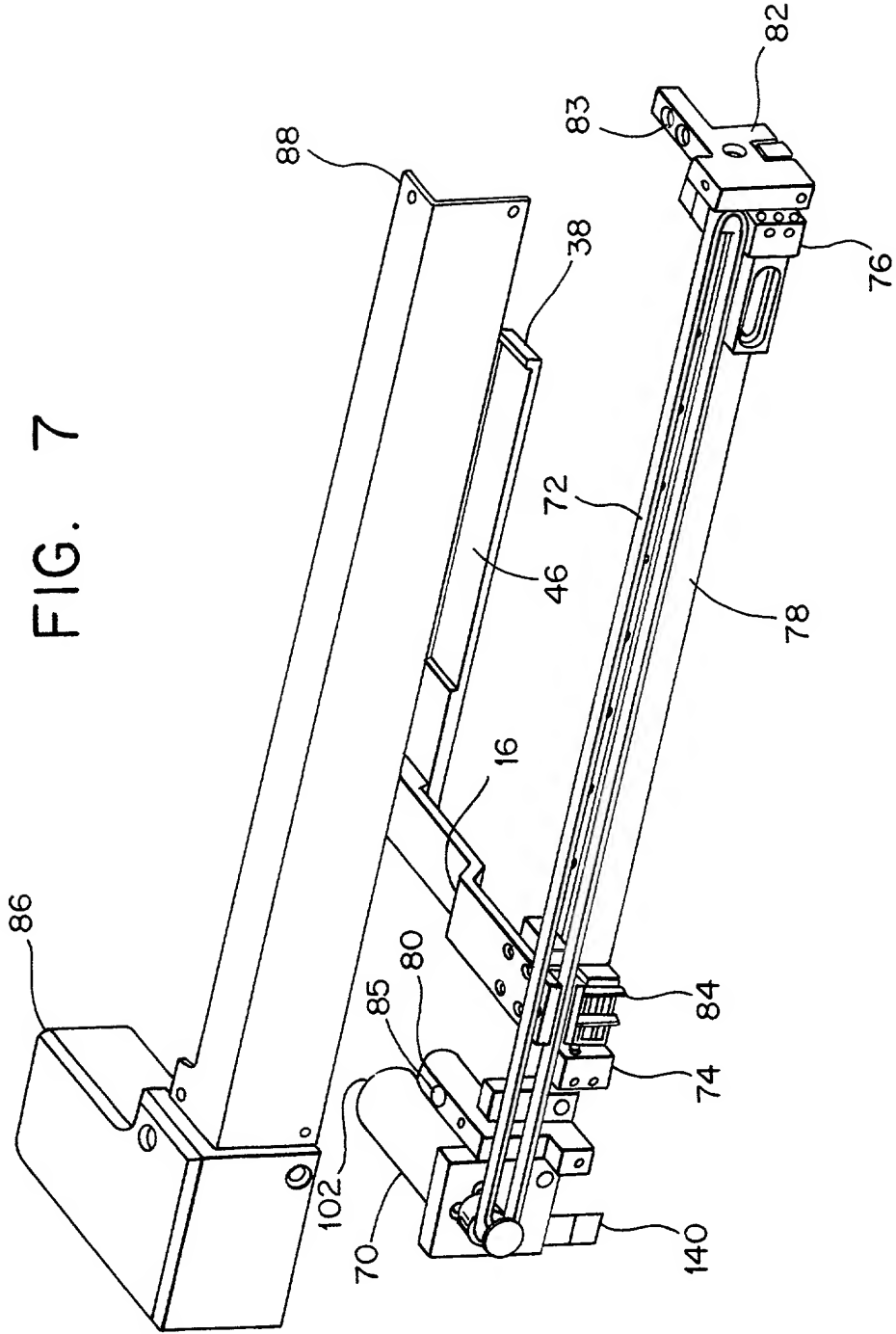


FIG. 7

FIG. 8

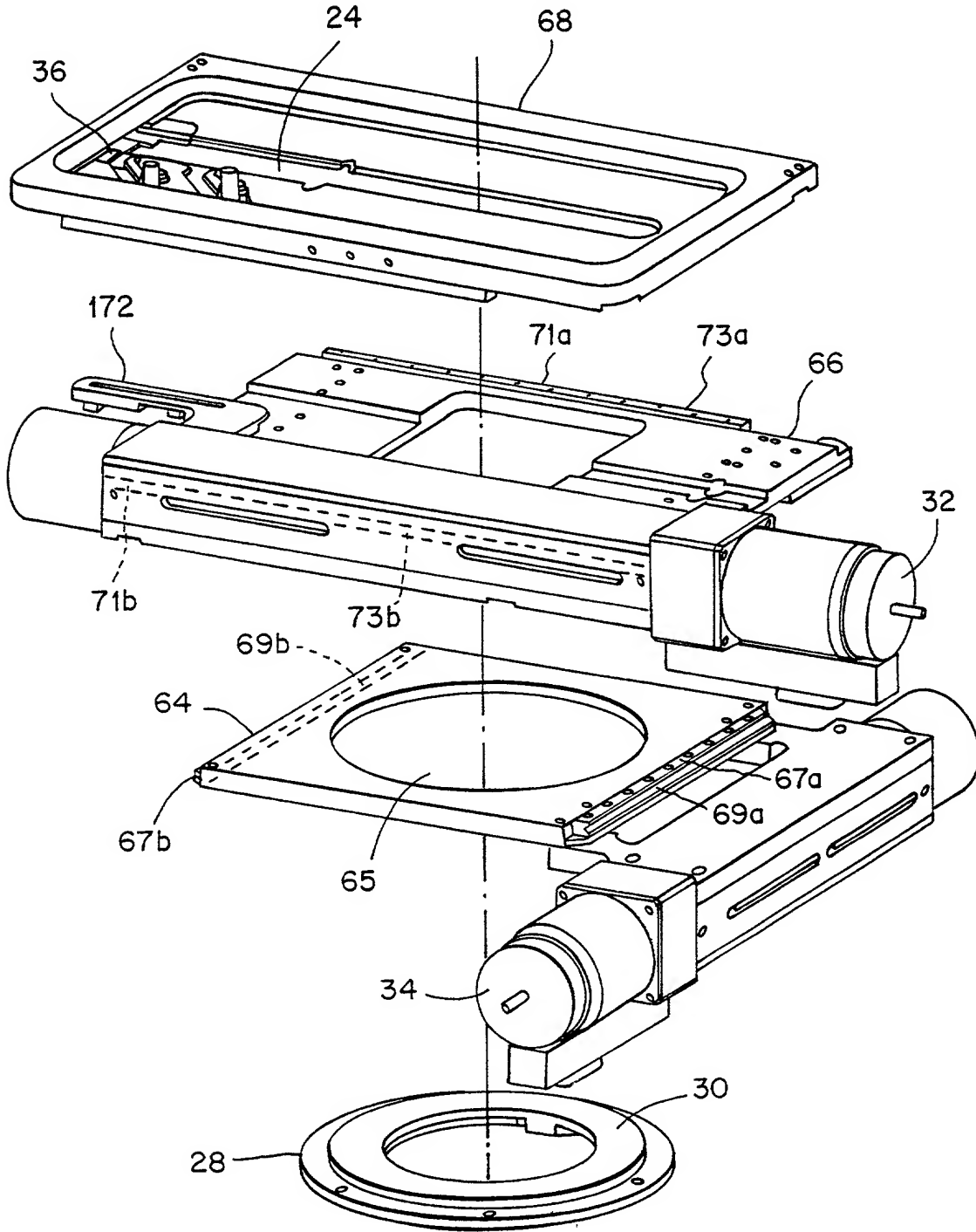


FIG. 9

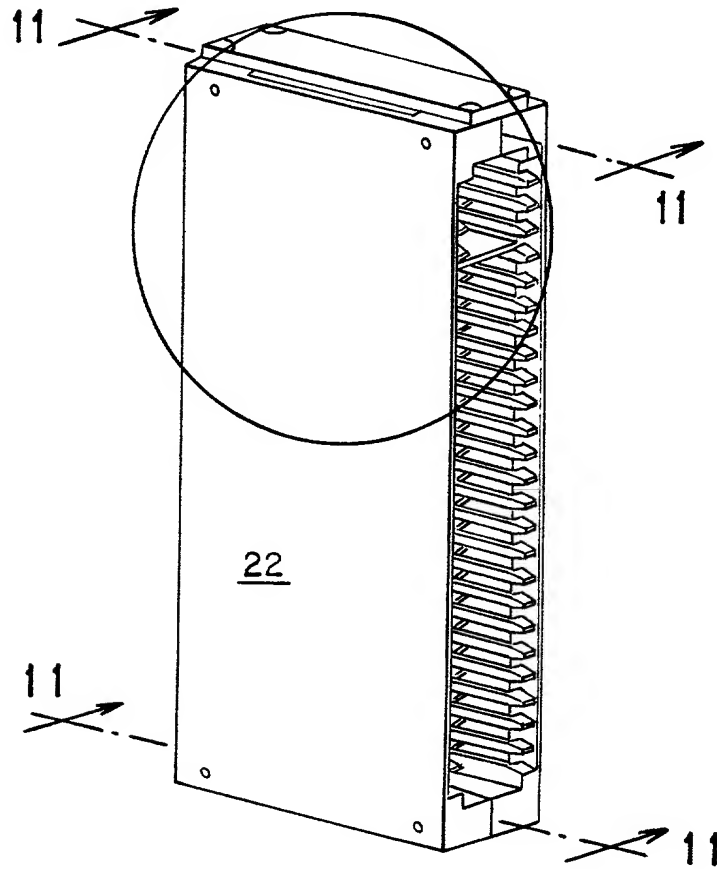


FIG. 10

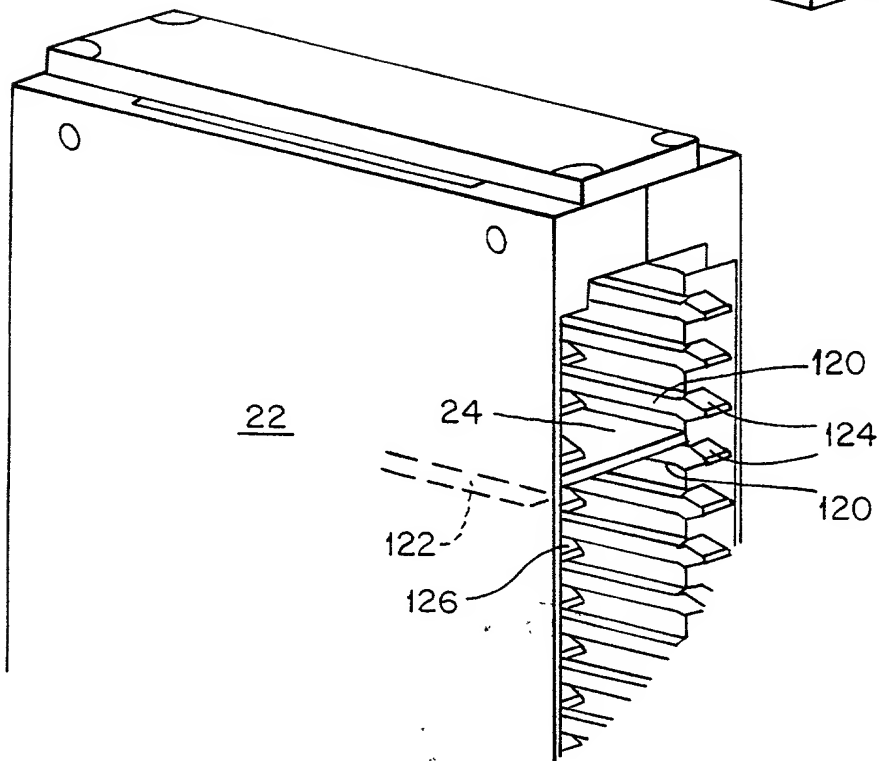


FIG. 11

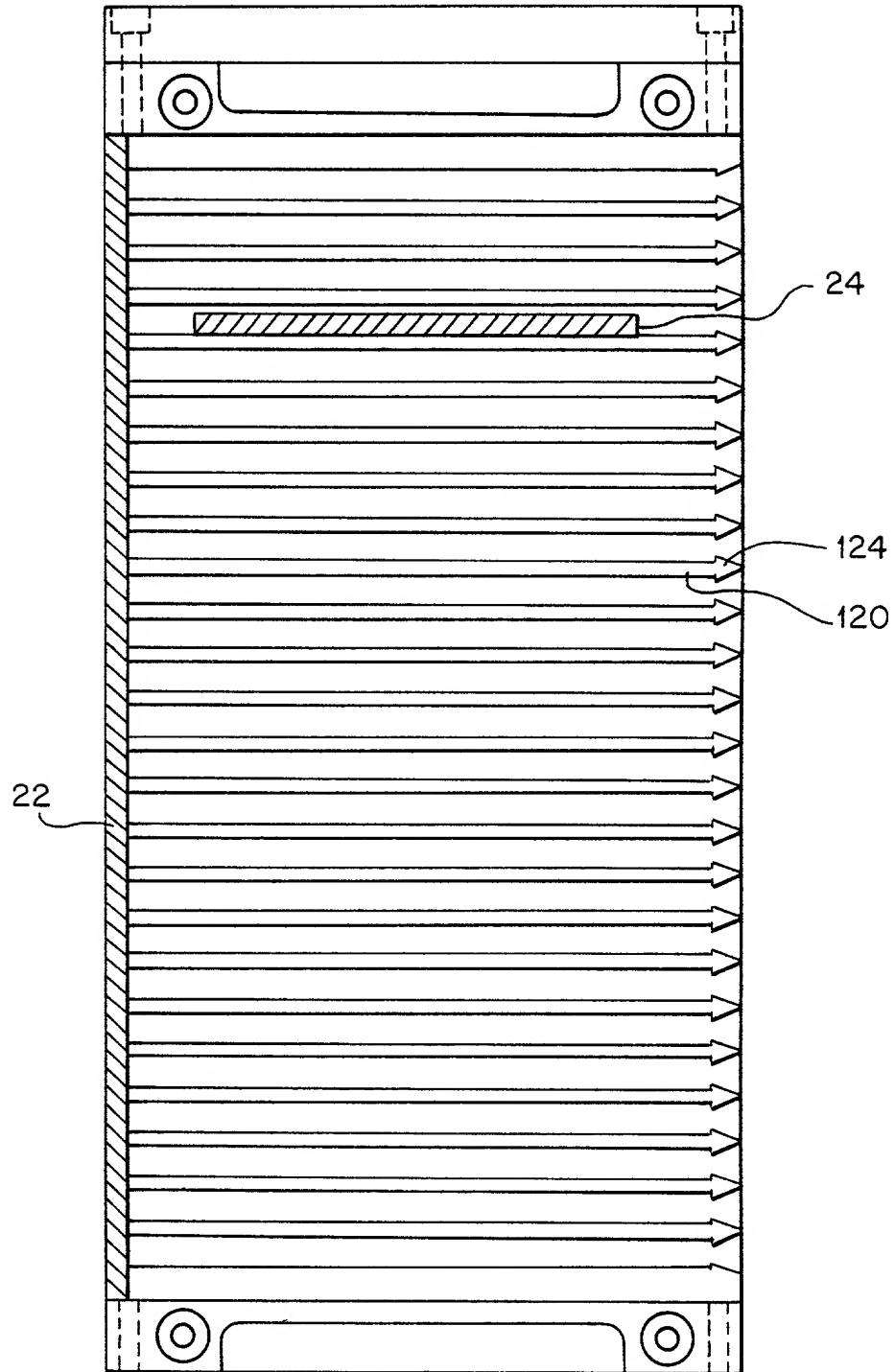


FIG. 12

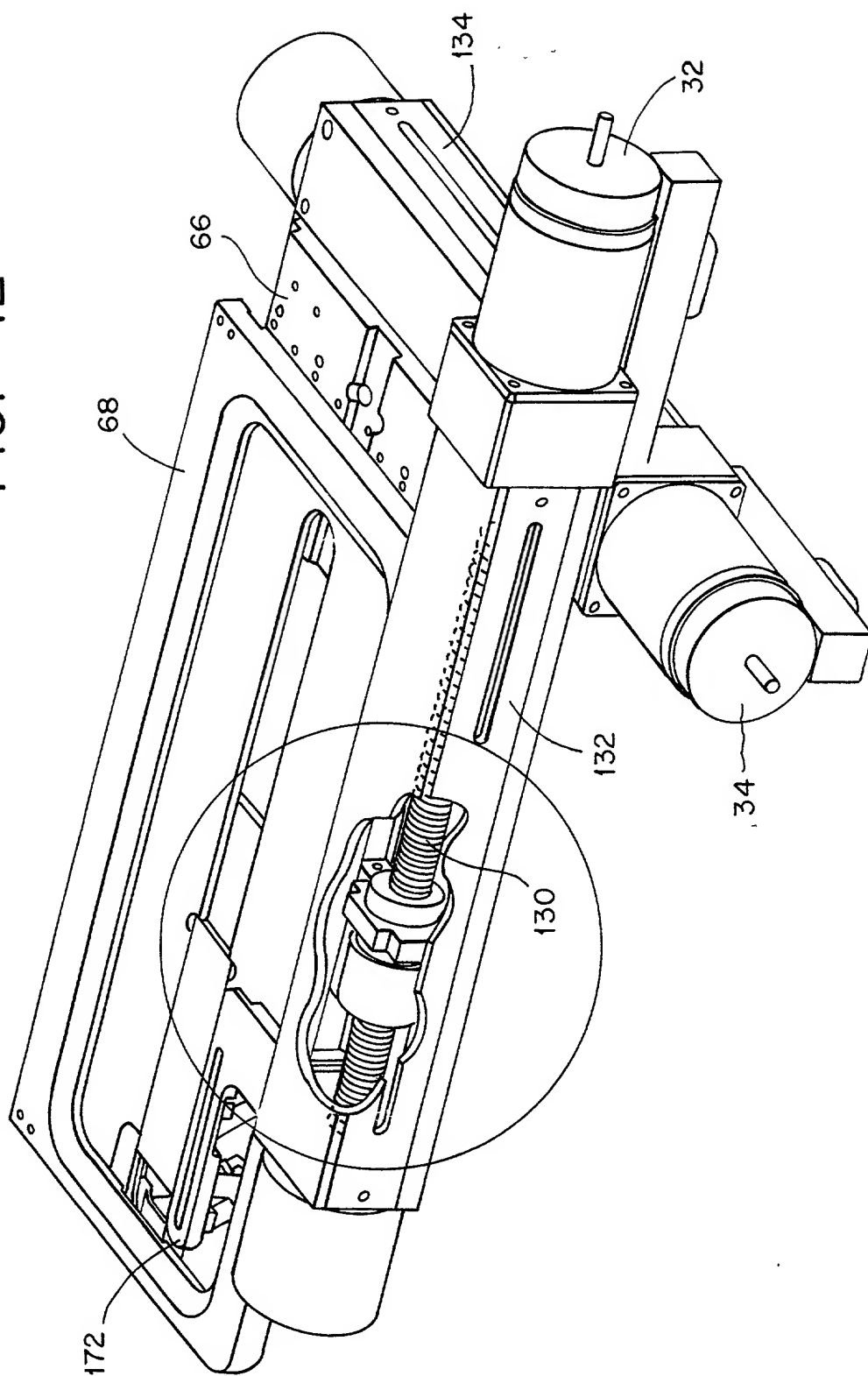


FIG. 13

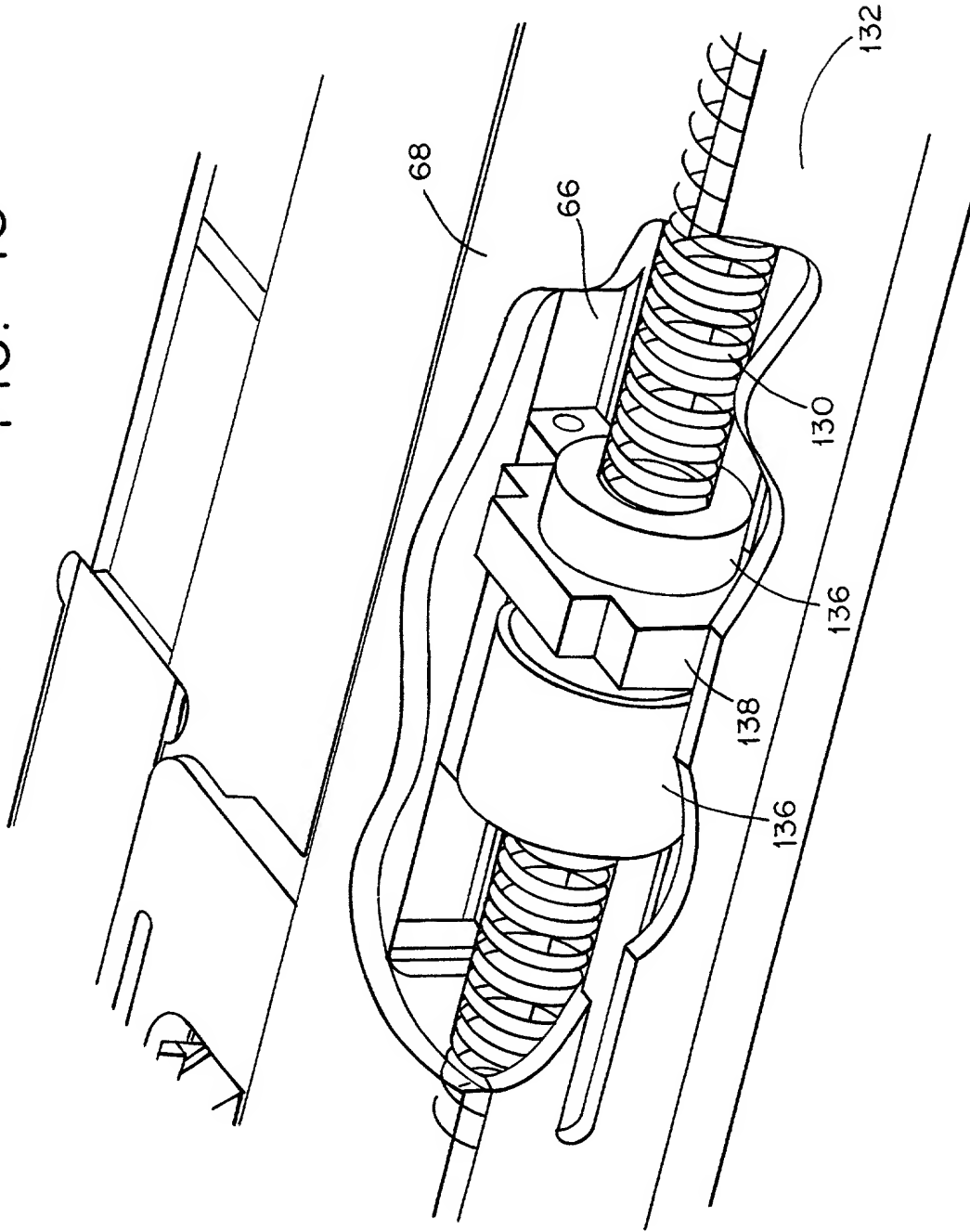


FIG. 14

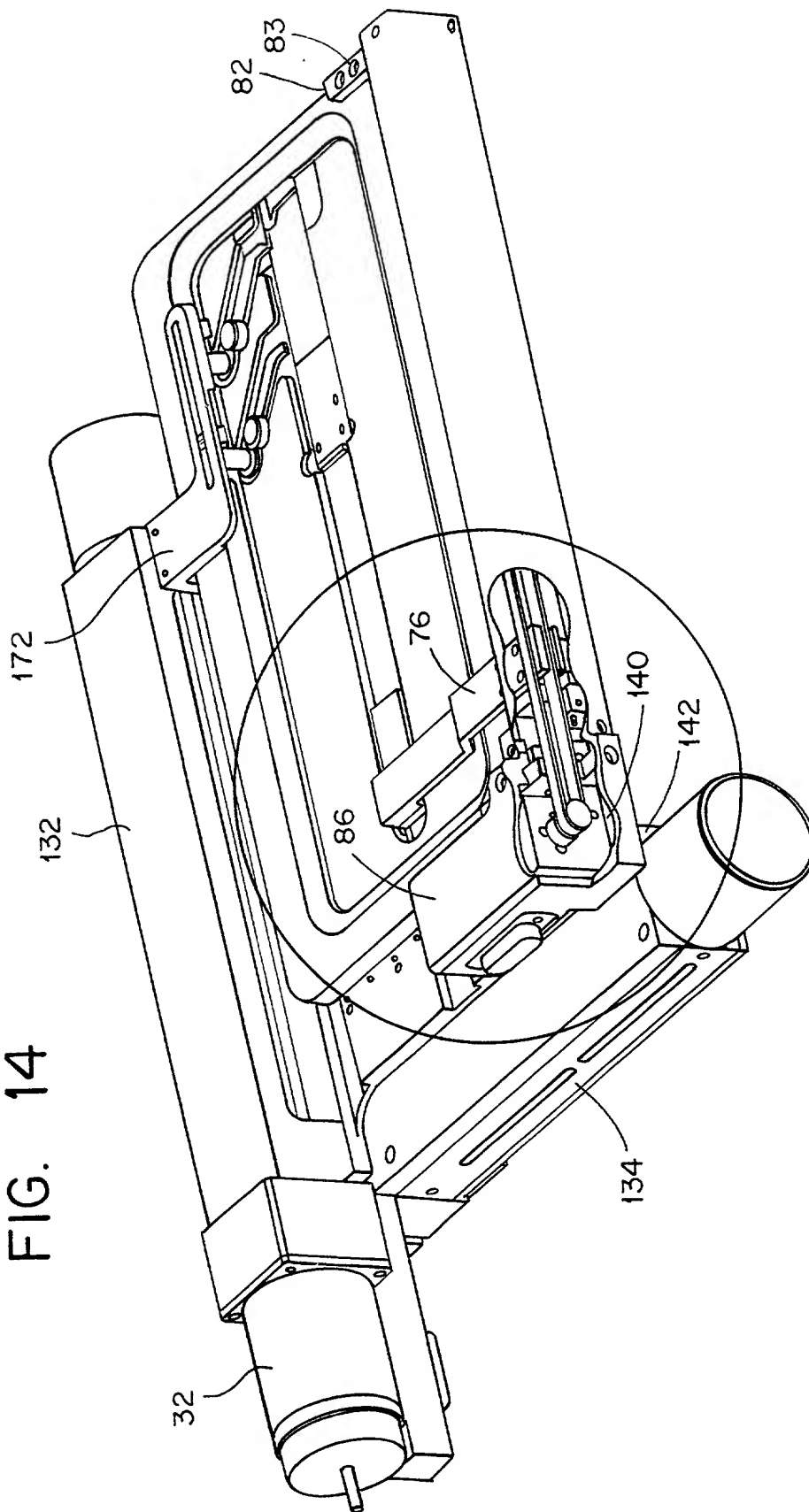
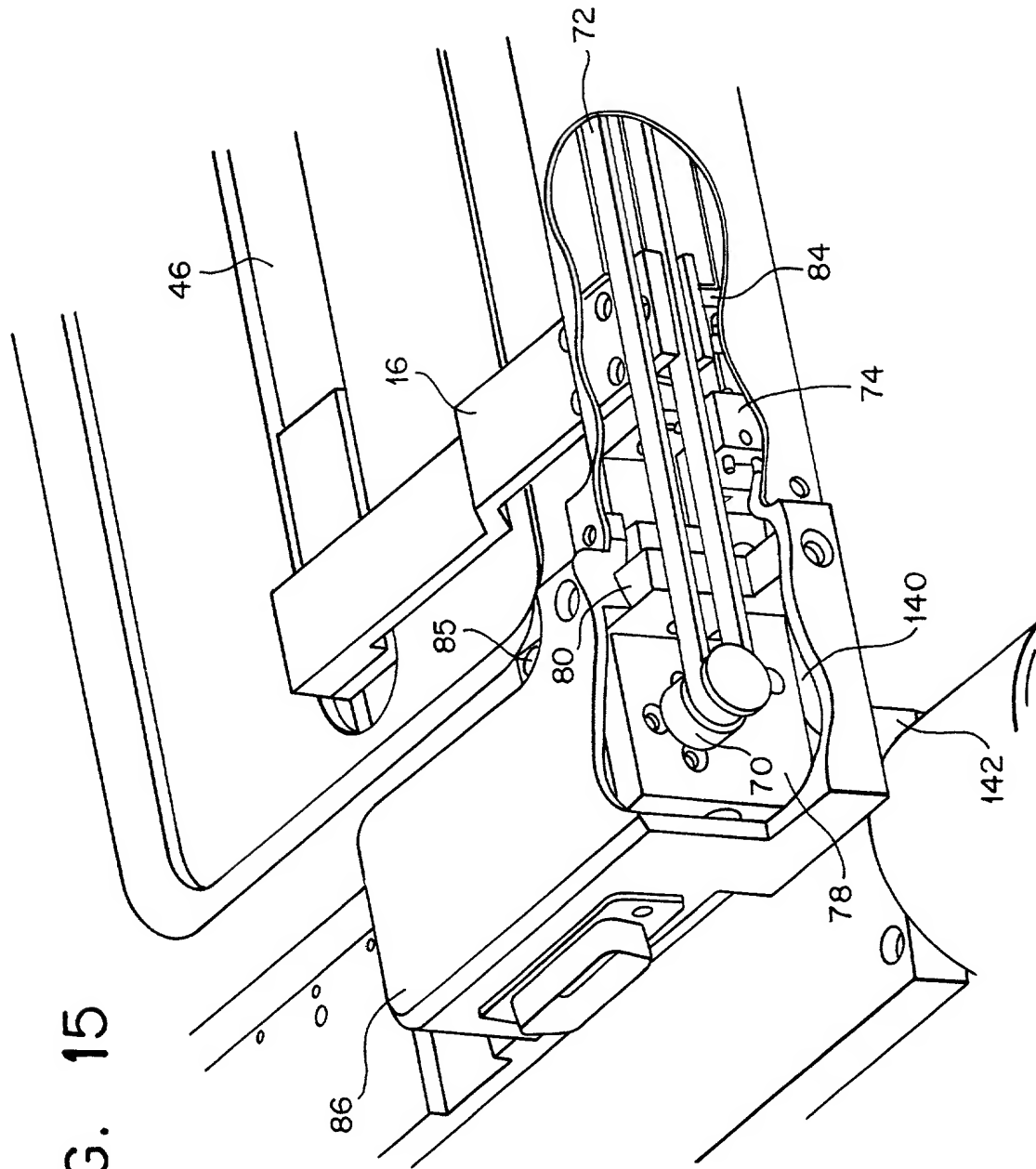


FIG. 15



1. A method of operating an automated slide loader, comprising:
 a. providing a slide loader having a plurality of slides;
 b. providing a slide holder having a plurality of slide slots;
 c. providing a slide tray having a plurality of slide slots;
 d. providing a slide tray having a plurality of slide slots;
 e. providing a slide tray having a plurality of slide slots;

FIG. 16

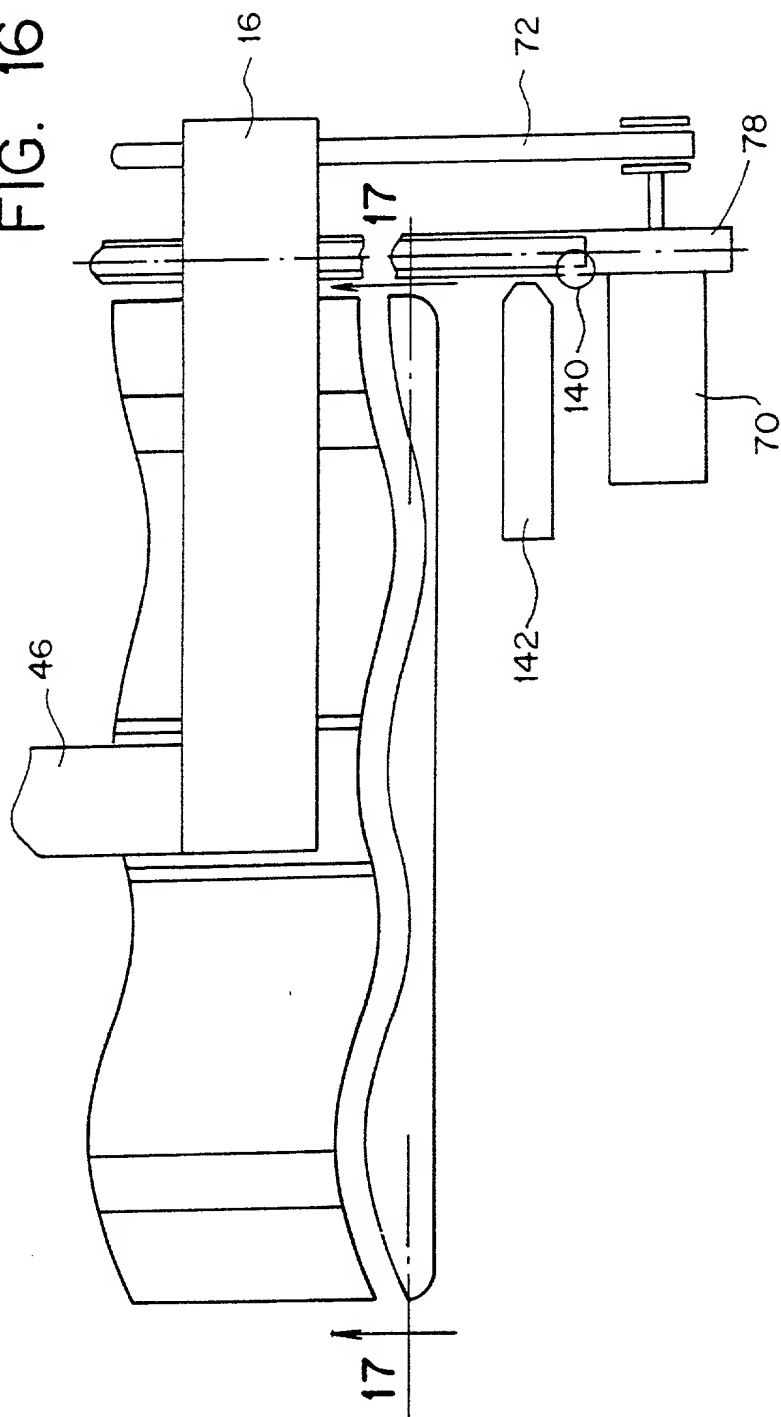
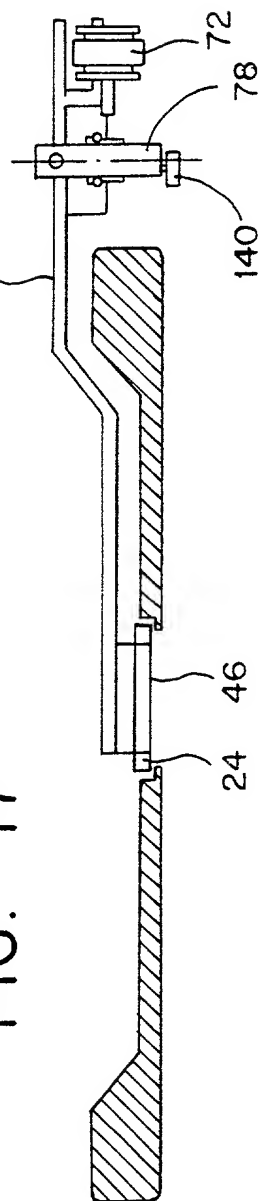


FIG. 17



1. A method of loading a slide loader, comprising:
 a. providing a slide loader having a slide and a base;
 b. providing a loading mechanism having a loading member;
 c. moving the loading member into a position to engage the slide;
 d. moving the slide into a position to engage the loading member;
 e. moving the loading member into a position to engage the slide;
 f. moving the slide into a position to engage the loading member; and
 g. repeating steps c through f until the slide is loaded.

FIG. 19

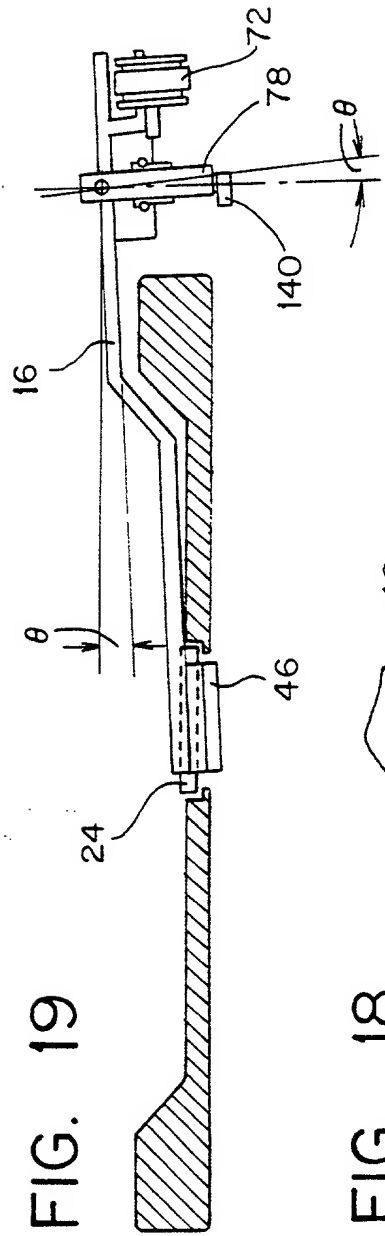


FIG. 18

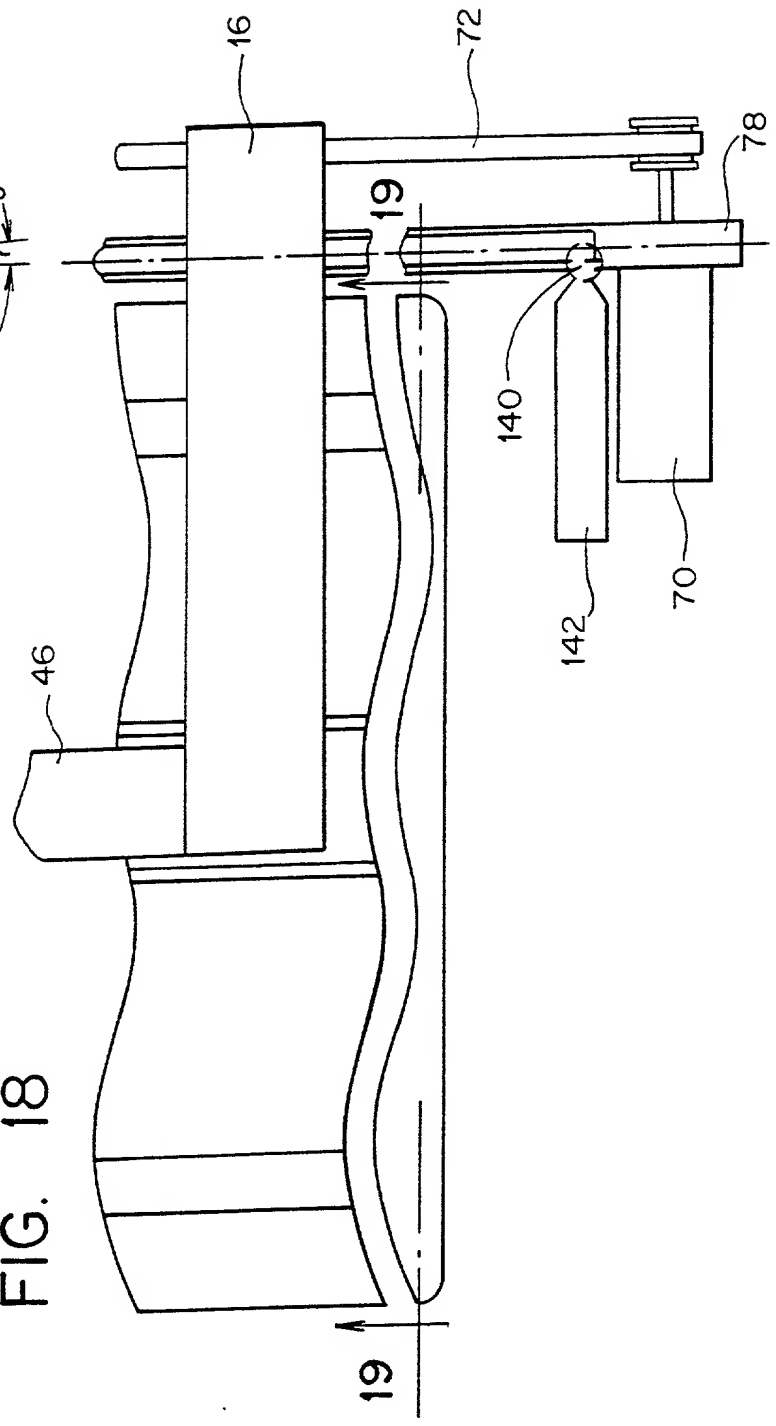
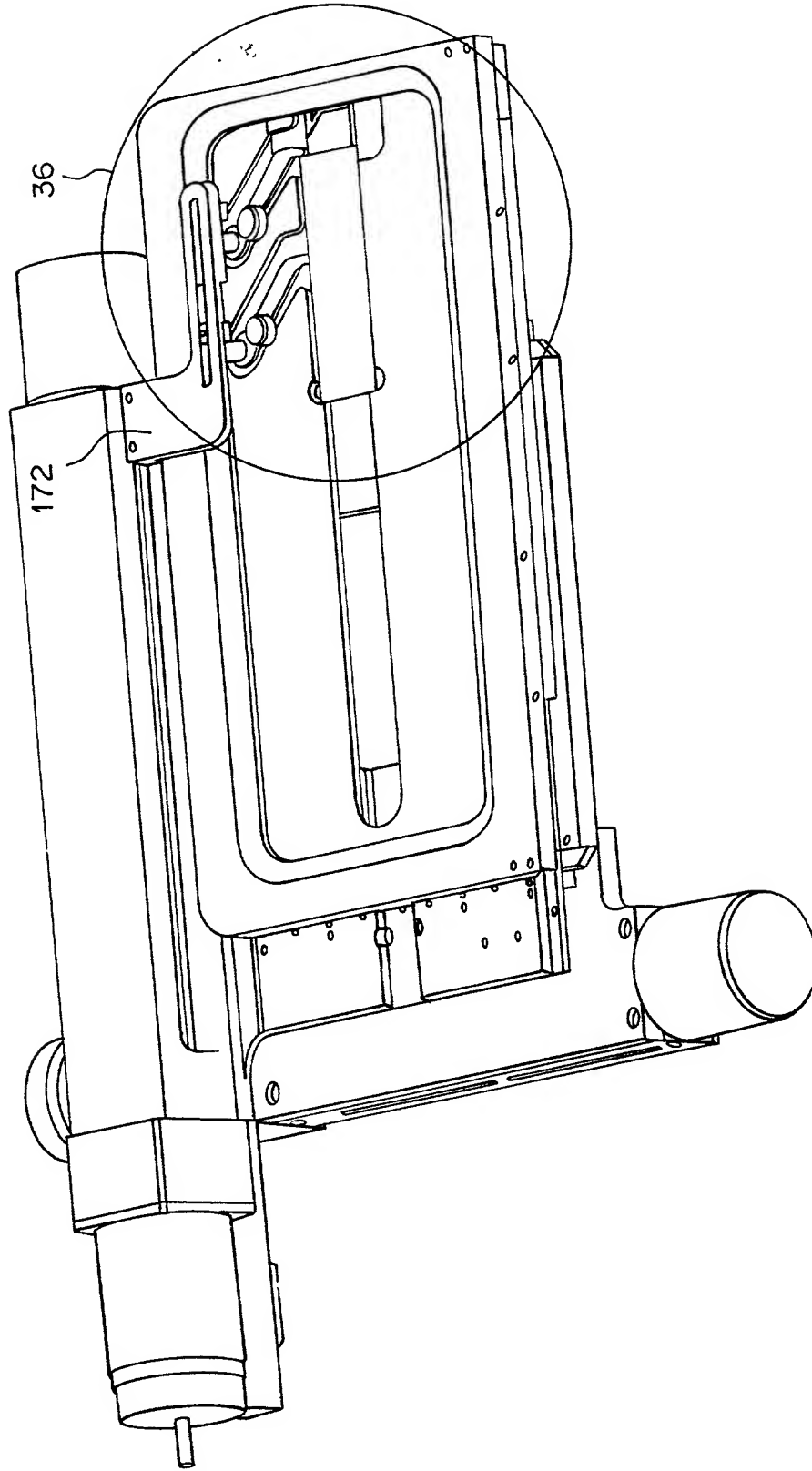


FIG. 20

FIG. 20



[illegible]

This document is a patent application for an automated slide loader. The invention is a device that automatically loads and unloads slides from a slide tray. The device includes a slide tray, a slide holder, a slide inserter, and a slide remover. The slide tray is a rectangular tray that holds a row of slides. The slide holder is a device that holds a single slide. The slide inserter is a device that inserts a slide into the slide tray. The slide remover is a device that removes a slide from the slide tray. The device is controlled by a microcontroller.

FIG. 22

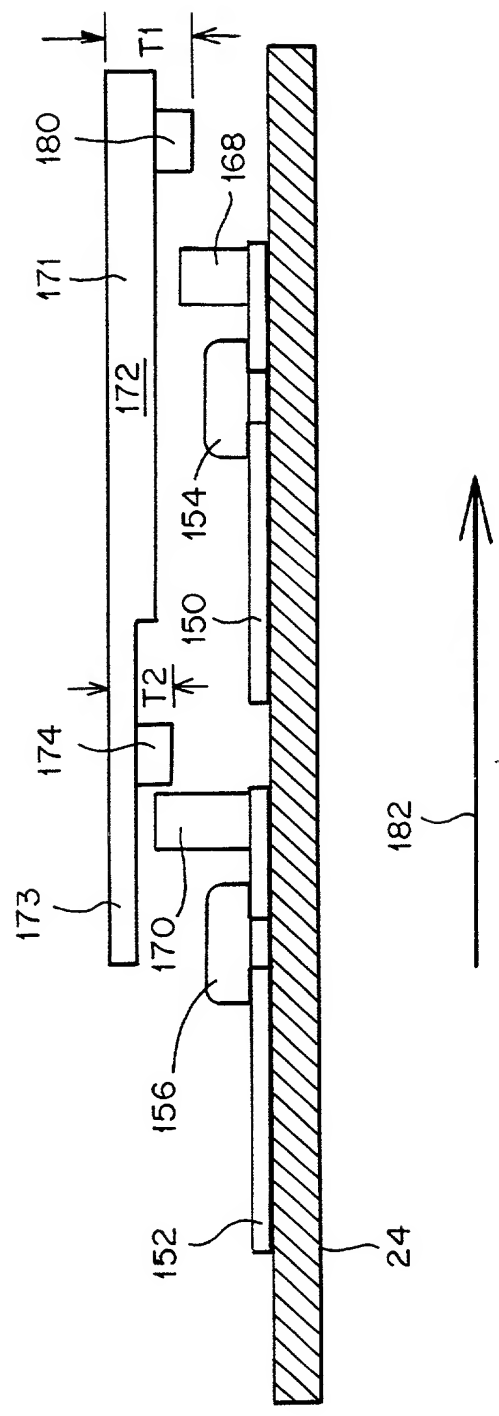


FIG. 23

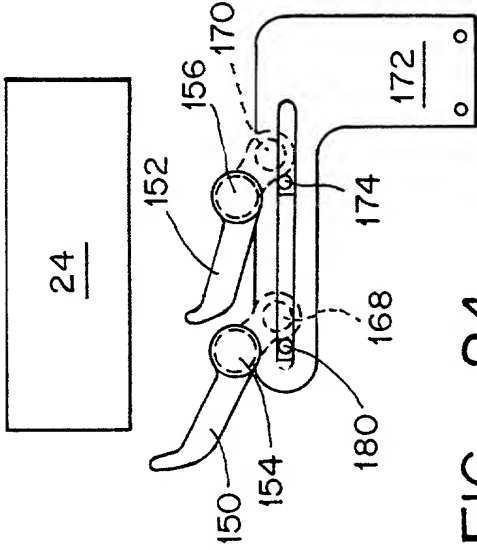


FIG. 25

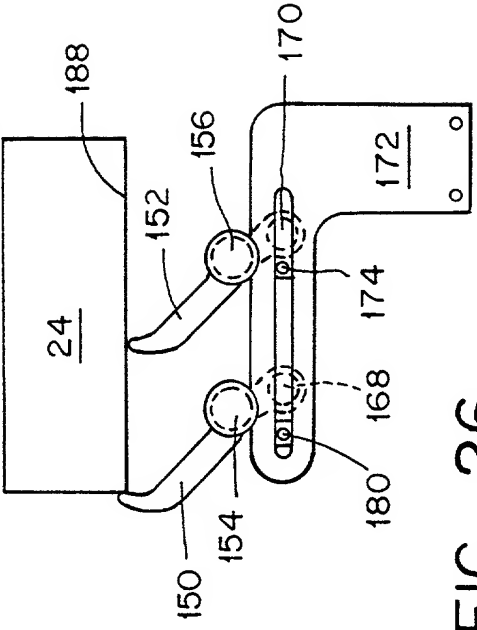


FIG. 24

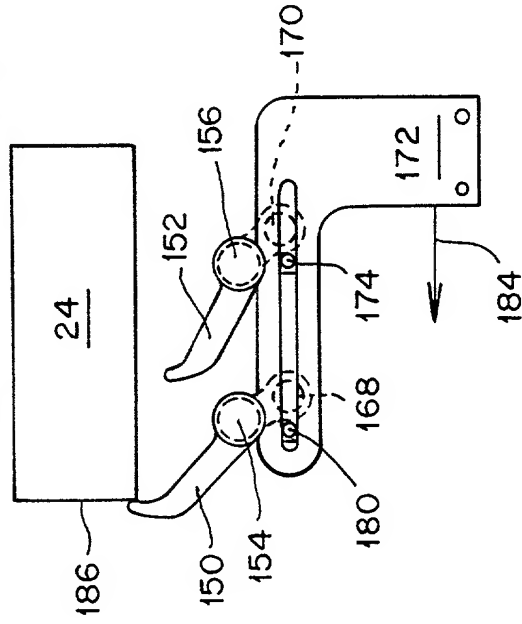


FIG. 26

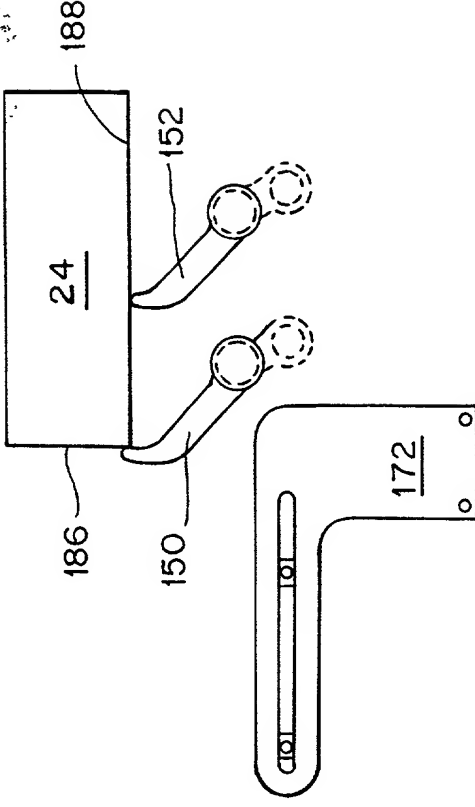


FIG. 27

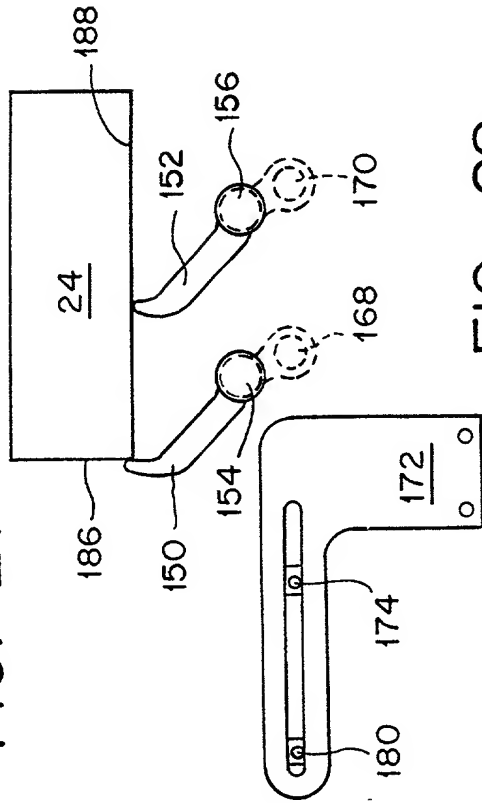


FIG. 28

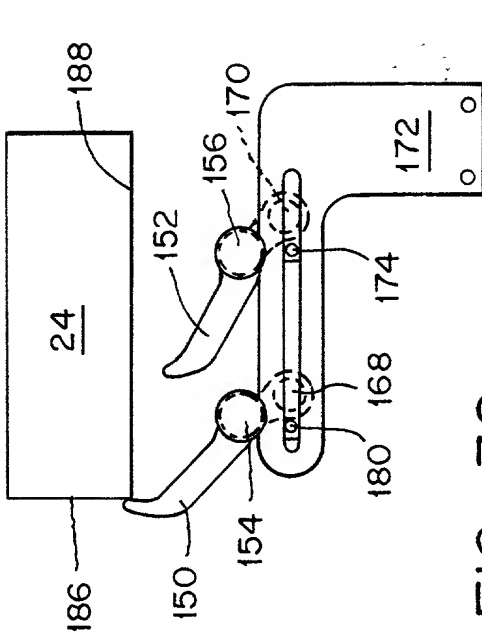


FIG. 29

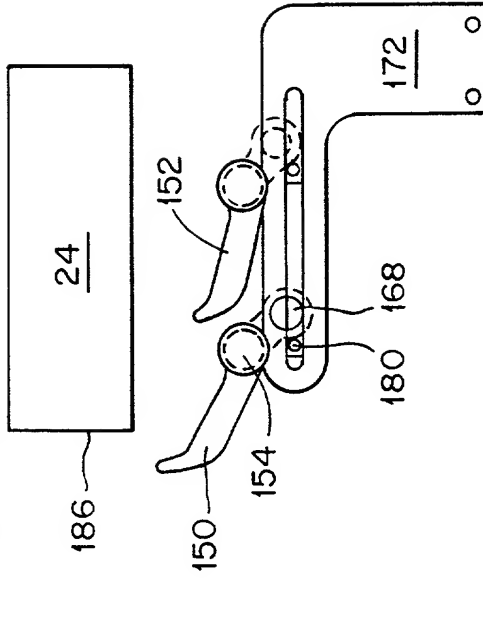


FIG. 30

